

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	"549753".ap.	US-PGPUB; USPAT	ADJ	ON	2007/10/15 09:50
S2	1	("6338763").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/15 09:53
S3	1	("20030024610").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/15 10:04
S4	1	("20050258860").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/15 10:27
S5	1	("4348800").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/15 10:29
S6	1	("6371463").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/15 10:54
S7	3101	(C carbon) and (Si silicon) and (Mn manganese) and (Cr chromium) and (Al aluminum) and steel and spring	US-PGPUB; USPAT	OR	ON	2007/10/15 10:55
S8	1057	(C carbon) and (Si silicon) and (Mn manganese) and (Cr chromium) and (Al aluminum) and (steel same spring)	US-PGPUB; USPAT	OR	ON	2007/10/15 10:56
S9	374	(C carbon) and (Si silicon) and (Mn manganese) and (Cr chromium) and (Al aluminum) and (Ni nickel) and (V vanadium) and (Mo molybdenum) and (Nb niobium) and (steel same spring)	US-PGPUB; USPAT	OR	ON	2007/10/15 11:35
S10	51	148/333.ccls. and spring	US-PGPUB; USPAT	OR	ON	2007/10/15 11:36
S11	14	148/318.ccls. and spring	US-PGPUB; USPAT	OR	ON	2007/10/15 11:42
S12	1	("4909866").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/15 11:56

S13	391	(C carbon) and (Si silicon) and (Mn manganese) and (Cr chromium) and (Al aluminum) and (Ni nickel) and (V vanadium) and (Mo molybdenum) and (Nb niobium) and (steel same spring)	US-PGPUB; USPAT	OR	ON	2008/03/31 17:27
S14	51	148/333.ccls. and spring	US-PGPUB; USPAT	OR	ON	2008/03/31 17:28
S15	15	148/318.ccls. and spring	US-PGPUB; USPAT	OR	ON	2008/03/31 17:28
S16	404	(C carbon) and (Si silicon) and (Mn manganese) and (Cr chromium) and (Al aluminum) and (Ni nickel) and (V vanadium) and (Mo molybdenum) and (Nb niobium) and (steel same spring)	US-PGPUB; USPAT	OR	ON	2008/08/20 16:56
S17	51	148/333.ccls. and spring	US-PGPUB; USPAT	OR	ON	2008/08/20 16:56
S18	15	148/318.ccls. and spring	US-PGPUB; USPAT	OR	ON	2008/08/20 16:56
S19	404	(C carbon) and (Si silicon) and (Mn manganese) and (Cr chromium) and (Al aluminum) and (Ni nickel) and (V vanadium) and (Mo molybdenum) and (Nb niobium) and (steel same spring)	US-PGPUB; USPAT	OR	ON	2008/08/20 16:56
S20	51	148/333.ccls. and spring	US-PGPUB; USPAT	OR	ON	2008/08/20 16:56
S21	15	148/318.ccls. and spring	US-PGPUB; USPAT	OR	ON	2008/08/20 16:57
S22	3	("4842818" "4909866"). PN. OR ("6338763"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 16:57
S23	467	(C carbon) and (Si silicon) and (Mn manganese) and (Cr chromium) and (Al aluminum) and (Ni nickel) and (V vanadium) and (Mo molybdenum) and (Nb niobium) and (steel same spring)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:58

S24	61	148/333.ccls. and spring	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:58
S25	16	148/318.ccls. and spring	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/20 16:59
S26	57	148/333.ccls. and spring	US-PGPUB; USPAT	OR	ON	2009/02/10 16:53
S27	15	148/318.ccls. and spring	US-PGPUB; USPAT	OR	ON	2009/02/10 16:53
S28	498	(C carbon) and (Si silicon) and (Mn manganese) and (Cr chromium) and (Al aluminum) and (Ni nickel) and (V vanadium) and (Mo molybdenum) and (Nb niobium) and (steel same spring)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/10 16:54
S29	70	S26 or S27	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/10 16:54
S30	25	S29 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/02/10 16:54
S31	669	420/104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/09/14 16:16
S32	655	148/333.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:18
S33	433	148/318.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:18
S34	1671	S31 or S32 or S33	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:18
S35	122	S34 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:18

S36	101	S35 and (carbon or C) same (silicon or Si) same (manganese or Mn) same (chromium or Cr)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:18
S37	63	S35 and (carbon or C) same (silicon or Si) same (manganese or Mn) same (chromium or Cr) same (aluminum or al)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:19
S38	63	148/333.ccls. and spring	US-PGPUB; USPAT	OR	ON	2009/09/14 16:19
S39	19	148/318.ccls. and spring	US-PGPUB; USPAT	OR	ON	2009/09/14 16:19
S40	531	(C carbon) and (Si silicon) and (Mn manganese) and (Cr chromium) and (Al aluminum) and (Ni nickel) and (V vanadium) and (Mo molybdenum) and (Nb niobium) and (steel same spring)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:19
S41	79	S38 or S39	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:19
S42	30	S41 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:19
S43	1559	(carbon or C) same (silicon or Si) same (manganese or Mn) same (chromium or Cr) same (aluminum or al) and spring	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:23
S44	227	S43 and martensite	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:23
S45	178	S44 and austenite	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:24
S46	123	S45 and grain	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:24

S47	15618	S46 and prior austenite	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/14 16:24
S48	17	S46 and prior austenite	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/14 16:24

EAST Search History (Interference)

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